

Subject	BIOLOGY	Grade	9
Student		Date	

ASSESSMENT TASK - ENDANGERED/EXTINCT SPECIES INVESTIGATION

The number of endangered species is increasing all the time and the number of species becoming extinct each year is 1000 - 10000 times higher than it was before humans arrived on the planet.

You need to **investigate/explain** the following about a single species (plant or animal):

- Describe how the species is classified using the Binomial naming system.
- Explain why this species has become endangered/extinct.
- Explain how science could be used to help this species so it is not longer endangered/extinct.
- Discuss and analyse the implications of using science so the species is not longer endangered/extinct interacting with one of the following factors: moral, ethical, social, economic, political, cultural and environmental.

The research and write up is in **pairs**.

This is to be presented as written report on A4 paper.

You will be graded on **Criteria D**.

CRITERIA AND ASSESSMENT RUBRICS

Criterion D: Reflecting on the impacts of science

level	Level descriptor	Student	Teacher
0	The student does not reach a standard described by any of the descriptors below.		
1-2	The student is able to: i. state the ways in which science is used to address a specific problem or issue ii. state the implications of using science to solve a specific problem or issue, interacting with a factor iii. apply scientific language to communicate understanding with limited success iv. document sources with limited success		
3-4	The student is able to: i. outline the ways in which science is used to address a specific problem or issue ii. outline the implications of using science to solve a specific problem or issue, interacting with a factor iii. sometimes apply scientific language to communicate understanding iv. sometimes document sources correctly.		
5-6	The student is able to: i. summarize the ways in which science is used to address a specific problem or issue ii. describe the implications of using science to solve a specific problem or issue, interacting with a factor iii. usually apply scientific language to communicate understanding clearly and precisely iv. usually document sources correctly.		
7-8	The student is able to: i. describe the ways in which science is applied and used to address a specific problem or issue. ii. discuss and analyse the implications of using science and its application to solve a specific problem or issue, interacting with a factor. iii. consistently apply scientific language to communicate understanding clearly and precisely . iv. document sources completely .		

Student Reflection

Teacher Feedback